

GENETIC CERTIFICATE

Mrs Lis ØSTERGAARD

Rønnealle 38
Frederiks
7470 Karup J
DENMARK

Name : **Bernerglaeden's April By
Tara**

Specie : **Dog**
Breed : **Bernese Mountain Dog**

ID Number : **208 250 000 158 698**
Pedigree Number : **DK07341/2021**

Gender : **Female**
Birth date : **09/03/2021**

Owner :
ØSTERGAARD Lis
7470 Karup J (DK)
Customer Nb : C98200

Sample Number : **749 234**
Sample type : Blood sample
Sample date : 03/06/2021
Request date : 14/06/2021

Sample realized by :
KORNERUP Bente (Veterinarian)
8800 Viborg (DK)
Official Nb :
Authenticated sample

File Nu. : 199 650
Animal Number : 250 810
Result code : 479636

Histiocytic Sarcoma (Test SH)

Result : **Index A**

Interpretation : The individual tested has a four times lower risk of developing Histiocytic Sarcoma.

This genetic test should be just one of the many selection criteria. It is important within a breeding population to give priority to individuals with the best index but is also of the utmost importance when selecting breeding pairs that sufficient genetic diversity is maintained in the breed.

Manon Silvestre
Genetic Analyst



Alexia Grandferry
Genetic Analyst



Result established on 25/06/2021

Certificate issued on 25/06/2021

Explanation

This genetic test for Histiocytic Sarcoma is based on 9 genetic markers (Panel SH0912) identified from scientific research on Histiocytic Sarcoma on Bernese Mountain Dogs carried out by the Canine Genetics Team of the CNRS of Rennes, France. The methods used to calculate the genetic index were based on a population of 1081 European dogs, mainly from France. The test for Histiocytic Sarcoma has three possible results expressed as an index: index A, the individual tested has a four times lower risk of developing Histiocytic Sarcoma ; index B means neutral index ; index C, the individual tested has a four times higher risk of developing Histiocytic Sarcoma. This genetic test is simply a probability test, and this must be clearly accepted by the user.

This genetic test is designed solely to be a tool to help breeders in their breeding decisions. As a probability test, the test SH is subject to error and should not therefore be used, under no circumstances, as a commercial or advertising point by breeders.

The ANTAGENE laboratory will provide the necessary state-of-the-art technology to guarantee the reliability of its genetic test.